

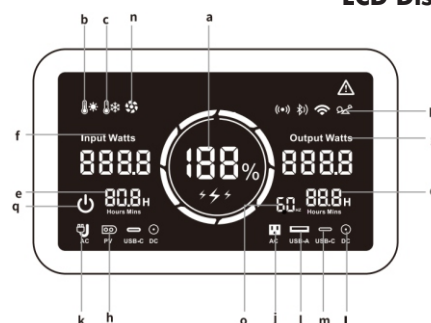


ECO 1024

Power Pack



LCD Display



- a. Battery Power Percentage
- b. High Temperature Indicator
- c. Low Temperature Indicator
- d. Estimated Remaining Service Time
- e. Estimated Remaining Charge Time
- f. Input Power
- g. Output Power
- h. PV Icon
- i. DC Icon
- j. AC Output Icon
- k. AC Input Icon
- l. USB -A Output Icon
- m. USB -C Output Icon
- n. Fan Icon
- o. Frequency
- p. Overload Icon
- q. Switch Icon

The Daylife ECO1024 Power Pack is a highly effective hybrid portable power supply solution for off-grid applications or use as an automatic domestic mains power backup system with the selectable options of both AC and DC charging and power outputs. Features include:-

- Electrical energy storage in a high-capacity Lithium-Ion battery rechargeable either from mains AC power supply, PV solar modules or a DC car charger.
- Power output from either twin AC output sockets or pure sine wave DC output sockets or USB ports suitable for use with laptop computers and other sensitive DC powered equipment.
- LCD display presenting various operational data including available battery power charge, input charging rate, output discharge rate and various system indicators and warnings.
- In-built input and output overload protection.
- Supplied complete with all accessories for the various charging options.

The Daylife ECO 1024 Power Pack is the ideal solution to all recreational and worksite applications and emergency situations where electric power is required. It gives many benefits over an alternative engine power generator including no expensive fuel required, silent in operation, fumeless and maintenance free. It provides output power on demand without system losses and is a highly cost-effective power supply solution.

TECHNICAL SPECIFICATIONS

Nominal Battery Voltage		24VDC
Inverter Output		
Nominal Output Rated Power		1000W
Output Voltage Waveform		Pure Sine Wave
Output Voltage Regulation		230V +/- 5%
Output Frequency		50Hz (+/- 0.2Hz)
Peak Efficiency		2000W (max)
PV Input		
Max Solar Power Input		600W (1x545W PV Modules)
PV Max Charging Current		25A
Max Efficiency		95%
PV Array Open Circuit Voltage		60V (max)
PV Array MPPT Voltage Range		12-60V
AC Input		
AC Input Voltage		240VAC
Nominal Input Frequency		50Hz
Transfer Time		< 15ms
Charging Current @ Nominal Input Voltage		600W @ 240VAC
Charging Algorithm		Equalize - Trickle charge

Output	
AC Output	240VAC (2No. Sockets)
Car Charger Output (cigarette lighter)	120W
DC Output (DC5521)	60W x 2
USB-C (Type-C)	PD18Wx1 + PD60Wx2
LED (white light)	2W
Lithium Battery	
Energy	1113Whrs
Nominal Voltage	25.6V
Battery Capacity	43.5Ah
Protection Board	100A
Standard Charging & Discharge Current	Charging @25A: Discharge @50A
Operation Temperature	Charge 0°C to 45°C Discharge -10°C to 60°C
Specifications	
Dimensions (WxHxD)	440.0x233.2x263.3mm
Packaging Dimensions (WxHxD)	504.0x314.5x345.0mm
Gross Weight	17.9kg